



Sector 18
Box Seq
PATENT
#3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ashley J. Birkett)	
)	Attorney Docket:
Serial No.: 09/930,915)	ICC-102.2US
)	81175
Filed: August 15, 2001)	
)	
For: Immunogenic HBc Chimer)	
Particles Having)	
Enhanced Stability)	

**Reply To Notice To File Missing Parts of
Nonprovisional Application to Comply With the
Requirements for Patent Applications Containing
Nucleotide Sequence and/or Amino Acid Sequence
Disclosures**

Commissioner for Patents
Washington, D.C. 20231
Attn: Box Sequence

Sir:

In response to the Notice to File Missing Parts of Nonprovisional Application in connection with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures dated October 24, 2001, and pursuant to the requirements of 37 C.F.R. 1.821(e) a computer readable form of the Sequence Listing (file: ICC102P1.app in ASCII format copied onto the accompanying diskette form PatentIn Ver. 2.1 on this date) for the subject case, is enclosed. A paper copy of the Sequence Listing is also enclosed (pages 1 through 80).

The sequence listing information recorded in the accompanying computer readable form is identical to the sequence listing information recorded in the previously filed paper copy of the "Sequence Listing," as required under 37 C.F.R. § 1.821(f), and furthermore, includes no new matter pursuant to 37 C.F.R. § 1.821(g).

Additionally, in further compliance with this Notice, a signed oath or declaration was filed on November 6, 2001.

No further fee or petition is believed to be necessary. However, should any further fee be needed, please charge our Deposit Account No. 23-0920, and deem this paper to be the required petition.

Respectfully submitted,



Edward P. Gamson
Registration No. 29,381

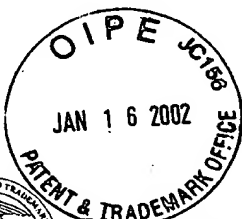
Welsh & Katz, Ltd.
120 South Riverside Plaza
22nd Floor
Chicago, Illinois 60606
(312) 655-1500

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify that this Statement under 37 C.F.R. 1.825 (a) and 1.821(f), together with the stated enclosures, is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Attention: Commissioner for Patents, Washington, D.C. 20231 on December 11, 2001.



Edward P. Gamson



UNITED STATES PATENT AND TRADEMARK OFFICE

 COMMISSIONER FOR PATENTS
 UNITED STATES PATENT AND TRADEMARK OFFICE
 WASHINGTON, D.C. 20231
 www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/930,915	08/15/2001	Ashley Birkett	4564-81175

 24628
 WELSH & KATZ, LTD
 120 S RIVERSIDE PLAZA
 22ND FLOOR
 CHICAGO, IL 60606

CONFIRMATION NO. 2278

FORMALITIES LETTER



OC000000006965022

Date Mailed: 10/24/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

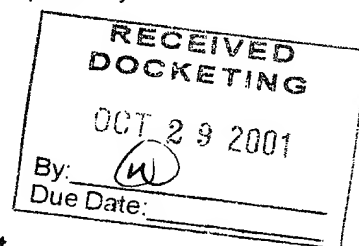
Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).


- o The oath or declaration is unsigned.
- o To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- o **The balance due by applicant is \$ 130.**
- o A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov



*A copy of this notice **MUST** be returned with the reply.*

A handwritten signature in black ink, consisting of a series of loops and a long horizontal stroke at the end.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY